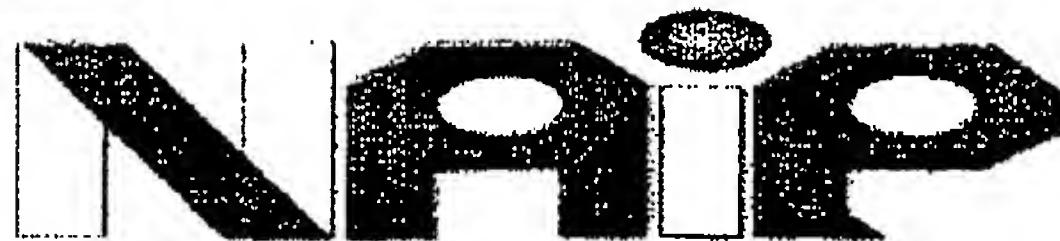


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**North America  
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Customer No.: 27765

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Tel.: (571)-272-7765

**Art Unit: 2629**

Fax: (571) 273-8300

**From : Winston Hsu, Registration No. 41,526**

**Serial No.: 10/605,502**

**Attorney Docket No.: HTCP0013USA**

**Subject: Information Disclosure Statement (IDS)**

**Total Pages: 10 pages (including cover page)**

**Winston Hsu Date: NOV 10 2006**

**HTCP0013USA0\_D1\_3**

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**TRANSMITTAL  
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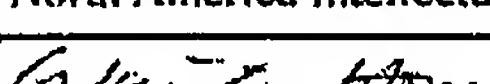
**9**

Application Number	10/605,502
Filing Date	10/03/2003
First Named Inventor	Yi-Tsung Cheng
Art Unit	2629
Examiner Name	BECK, ALEXANDER S
Attorney Docket Number	HTCP0013USA

**ENCLOSURES (Check all that apply)**

<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
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<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Reply to Missing Parts/Incomplete Application	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		
Remarks		

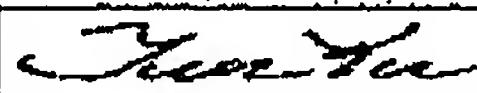
**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	North America Intellectual Property Corporation		
Signature			
Printed name	Winston Hsu		
Date	NOV 10 2006	Reg. No.	41,526

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature



Typed or printed name

Jun Yu

Date NOV 10 2006

This collection of information is required by 37 CFR 1.6. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

## **FEET TRANSMITTAL For FY 2005**

Applicant claims small entity status. See 37 CFR 1.27

<b>TOTAL AMOUNT OF PAYMENT</b>	(\$)	<b>0.00</b>
--------------------------------	------	-------------

**Complete If Known**

Application Number	10/605,502
Filing Date	10/03/2003
First Named Inventor	Yi-Tsung Cheng
Examiner Name	BECK, ALEXANDER S
Art Unit	2629
Attorney Docket No.	HTCP0013USA

**METHOD OF PAYMENT (check all that apply)**

Check  Credit Card  Money Order  None  Other (please identify): \_\_\_\_\_

Deposit Account Deposit Account Number: 50-3105 Deposit Account Name North America Intellectual Property Corporation

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below  Charge fee(s) indicated below, except for the filing fee  
 Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17  Credit any overpayments

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**FEE CALCULATION**

**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

<u>Application Type</u>	<u>FILING FEES</u>		<u>SEARCH FEES</u>		<u>EXAMINATION FEES</u>		<u>Fee Paid (\$)</u>
	<u>Small Entity</u>	<u>Fee (\$)</u>	<u>Small Entity</u>	<u>Fee (\$)</u>	<u>Small Entity</u>	<u>Fee (\$)</u>	
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____

**2. EXCESS CLAIM FEES**

**Fee Description**

Each claim over 20 (including Reissues)

<u>Small Entity</u>	<u>Fee (\$)</u>
---------------------	-----------------

50 25

Each independent claim over 3 (including Reissues)

200 100

Multiple dependent claims

360 180

**Total Claims**

<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
---------------------	-----------------	----------------------

**Multiple Dependent Claims**

<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
-----------------	----------------------

- 20 or HP = X =

HP = highest number of total claims paid for, if greater than 20.

**Indep. Claims**

<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>
---------------------	-----------------	----------------------

- 3 or HP = X =

HP = highest number of independent claims paid for, if greater than 3.

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

**Total Sheets** Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)

- 100 = / 50 (round up to a whole number) X =

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Fees Paid (\$)

Other (e.g., late filing surcharge); submission of Information Disclosure Statement

0.00

**SUBMITTED BY**

Signature	<i>Winston Hsu</i>	Registration No. (Attorney/Agent)	41,526
Name (Print/Type)	Winston Hsu	Telephone	3027291562

Date NOV 10 2006

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449N/PTO		Complete If Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Application Number	10/605,502
(Use as many sheets as necessary)		Filing Date	10/03/2003
		First Named Inventor	Yi-Tsung Cheng
		Art Unit	2629
		Examiner Name	BECK, ALEXANDER S
		Attorney Docket Number	HTCP0013USA
Sheet	1	of	1

Examiner Signature	Date Considered
-----------------------	--------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 801.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.87 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Yi-Tsung Cheng

5 Appl. No.: 10/605,502 Filing Date: October 3, 2003

Examiner: BECK, ALEXANDER S Art Unit: 2629

Docket No.: HTCP0013USA Confirmation No.: 2501

Customer No.: 27765

10 Title: KEYBOARD

To: Commissioner for Patents  
P.O. BOX 1450  
Alexandria, VA 22313-1450

15

Subject: Information disclosure statement under 37 CFR §1.56

Dear Sir,

20

This is an Information Disclosure Statement in accordance with the duty to disclose information material to patentability under 37 CFR §1.56. The applicant wishes to make of record the document(s) listed on the accompanying form PTO/SB/08.

25

Since this IDS is filed after the mailing date of the first Office action but before final Office action, consideration of the information disclosure statement is hereby requested according to 37 CFR §1.97(c). Additionally, each item of information contained in the information disclosure statement was first cited in an Office communication mailed on Aug. 15, 2006 for the counterpart Japan patent application No. 2003-293449, which is no more than three months prior to the filing of

the information disclosure statement.

According to the requirement set forth in 37 CFR §1.98(a)(2), the applicant is submitting a copy of the cited Japan patent publication No. 5 62-251917 (published on Nov. 02, 1987). Additionally, according to the requirement set forth in 37 CFR 1.98(a)(3) and MPEP 609.04(a) III, an English language abstract of the cited reference is included herewith to fulfill the concise explanation requirement.

10 It is respectfully requested that Examiner can consider the document(s) listed on the accompanying form PTO/SB/08 and that it be made of record in the application. The applicant sincerely hopes that Examiner initials the cited reference(s) on the form and that a copy of the initialed form be sent to the applicant with the next communication  
15 from Examiner.

Respectfully submitted,

20

Winston Hsu

Date: NOV 10 2006

Winston Hsu, Patent Agent No. 41,526  
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Note: Please leave a message in my voice mail if you need to talk to me. (The time in  
30 D.C. is 13 hours behind the Taiwan time, i.e. 9 AM in D.C. = 10 PM in Taiwan.)